



## South Lakes High School International Baccalaureate Program

These pages contain information for students and parents to use as they consider International Baccalaureate (IB) course options available at South Lakes High School (SLHS.) Several opportunities are available to SLHS students:

### The **IB Middle Years Program (IBMYP)**

- Includes all students in grades **9 and 10**.
- Honors classes may be chosen by students in grades 9 and 10.
- Students may choose to complete requirements for the Middle Years Certificate.

### The **IB Diploma Program (IBDP)**

- Includes students in **11<sup>th</sup> and 12<sup>th</sup>** grades who opt for the challenge of advanced classes.
- Students take classes in six areas and complete three additional tasks for the **IB Diploma**

OR

### The **IB Career-related Program (IBCP)**

- Students take a career and technical education course in 11<sup>th</sup> and 12<sup>th</sup> grades.
- Students take a minimum of two diploma courses and complete three additional tasks similar to those of the diploma program.

OR

### **Diploma Courses**

- Students may take one or more IB classes of their choice.

### **IB Middle Years Program Information**

All students enrolled in 9<sup>th</sup> or 10<sup>th</sup> grade participate in MYP, a program emphasizing 8 subject categories and, for those students interested in taking on additional challenges, a culminating Certificate of Achievement at the end of 10<sup>th</sup> grade. All 9<sup>th</sup> and 10<sup>th</sup> grade teachers instruct in the MYP methodology and all classes in the first two years of high school are considered MYP courses. Students may choose between advanced Honors level classes or general level classes. Both levels present Fairfax County curriculum with the Honors courses teaching a more rigorous version in the four core areas of social studies, math, English, and science.

**Participation in MYP is not a prerequisite for participation in the IB Diploma Program.** In the same way, not taking an Honors course does not automatically exclude a student from taking IB classes in that subject. Students who have taken the more rigorous Honors class may have an advantage.

## **Are you an IB student?**

Go to [www.ibo.org/benefits/learner-profile/](http://www.ibo.org/benefits/learner-profile/) and watch the short video about the IB Learner Profile. Do those characteristics describe you? If so, the International Baccalaureate Program may be right for you.

Think about your goals and aspirations, read the IB resources available on the [South Lakes Web Page](#) carefully, read the IB information in this booklet, talk with your parent/guardian and make your decision.

Students taking IB classes complete a study of prescribed curriculum and produce internally and externally assessed products. Internal Assessment (IA) is required in each of the six areas of study. The IA work is scored by teachers and moderated by examiners from IBO. External Assessment includes exam papers, essays, and oral responses scored by examiners outside the school.

## **The IB Program Curriculum**

To obtain the IB Diploma students take classes in all six subject groups and complete three additional tasks: the Theory of Knowledge (TOK) class, the Extended Essay (EE), and Creativity-Activity-Service (CAS). Students successfully completing these courses and tasks receive the International Baccalaureate Diploma. See Figure IB3: The IB Diploma Requirements.

Students select the level of difficulty for the courses they choose to take. The IB Program's most challenging courses are taught at the Higher Level (HL). These HL courses always require 2 years of study. Only seniors may take HL exams. A few IB Standard Level (SL) classes can be completed in one year. Two SL exams may be taken in junior year. Diploma Candidates must take at least 3, but no more than 4 HL classes.

For the IBCP, students select two CTE courses in combination with two Diploma Program courses during their junior and senior years. In addition, students complete the IBCP core, comprised of a Personal and Professional Skills (PPS) course, language development, a reflective project, and service learning.

Students seeking an academic challenge but not seeking the Diploma choose those Diploma Program courses they wish to take, but do not participate in TOK, EE, or CAS. After completing the coursework, Internal Assessment, and examinations for each class, these Diploma Course students receive IBDP certification of Diploma courses completed.

## **How am I graded in IB Courses?**

Your teachers must follow both IB and Fairfax County guidelines and award grades for you in two ways. You must receive a FCPS report card grade which becomes a part of your transcript that is sent to colleges with your application package. These grades are on the A-F scale used by FCPS. You also receive scores based on the IB grading system. Your Internal Assessment and External Assessment scores are used to compute your final IB grades.

IB grades are on a 1-7 scale except for the Extended Essay and TOK essay which are graded A-E. Your IB transcript is sent to your college in July after you graduate and is used to place you in college classes and/or award credit for your completed courses. Your IB grade is composed of Internal Assessment (IA) score (see Figure IB1) and the External Assessments (EA) which are usually your exam scores. More than one component is used to compute your IB grade.

## **Do all Diploma and Certificate students complete an internal assessment? What is it anyway?**

An Internal assessment is a written paper, dossier, project or portfolio that is completed in conjunction with a course's curriculum content. The internal assessment of a higher level subject may be different from the internal assessment of a standard level subject.

Individual course teachers give students information about the IA requirement for that course. The teachers develop a plan for completion of the IA and a timetable for completion of the components or steps. The information about IA completion for each course can be found on the teacher's Blackboard site. The IA is evaluated by the teacher and moderated by IB evaluators outside the school.

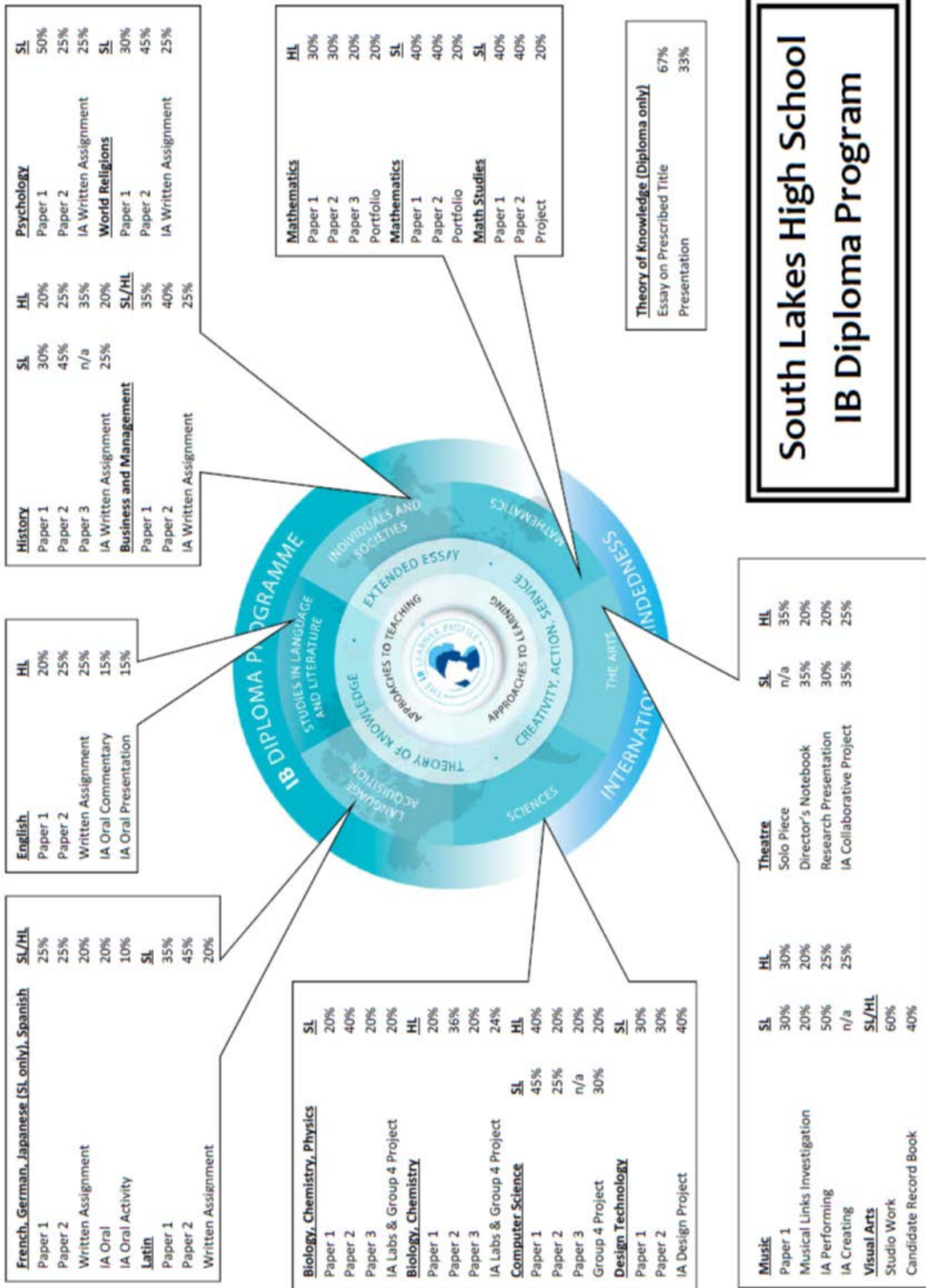
The IA grade becomes a component of the student's final score for a subject. Each component is required to be completed by the student. Without each component, you will receive a grade of N, No Grade, for your work in that class.

## **What classes should I take to earn the IB Diploma?**

From the chart in Figure IB2: IB Courses Offered at South Lakes, select a course for each of the six groups in Figure IB3 below. Be sure that you have the prerequisite courses for the classes you select. These six classes plus the three core tasks at the center of the IB model represent the requirements for the IB Diploma. To learn more about prerequisites and sequences of courses see the section titled, "9-12 IB Course Planner."

## **Should I take HL or SL classes for the IB Diploma?**

Full Diploma candidates must take one class in each of the six content groups. Three of the classes must be taken at the Higher Level. A Diploma candidate may opt to take no more than four Higher Level courses and no fewer than two Standard Level courses. Many of these classes require two years for completion. HL classes can be tested in the senior year only. Diploma Course students choose the classes and levels they wish to take. The course requirements are identical for Diploma, IBCP, and Diploma Course candidates. The Standard Level and Higher Level of a course have the same core curriculum. Higher Level courses have a more extensive curriculum, more demanding internal assessment requirement, and more instructional time requirements than Standard Level. Because the core curriculum is the same, some classes contain both Higher and Standard Level students.



# South Lakes High School

## IB Diploma Program

Figure IB1: IB Diploma Program Assessments

What IB DP courses can you take at South Lakes?

Class	Level	Length of study to Exam
Group 1 <i>Language and Literature</i> IB English Literature	HL	Prerequisite: English 10 Honors, English 10 2 years
Group 2 <i>Language Acquisition</i> IB French	HL	Prerequisite: 3 years or teacher placement 2 years
IB German	HL	2 years
IB Spanish	HL	2 years
IB Japanese	SL	2 years
Other language options: IB Latin	SL	1 year Prerequisite: Latin 1,2, 3
Group 3 <i>Individuals and Societies</i> IB History of the Americas	HL	2 years
IB History	SL	2 years
IB Business and Management**	HL	2 years
IB Psychology**	SL	1 year
IB World Religions**	SL	1 year
Group 4 <i>Sciences</i> IB Biology	HL	2 years
IB Chemistry	SL	1 year
IB Physics	HL	2 years*
IB Computer Science***	SL	2 years*
IB Design Technology***	HL	2 years
	SL	1 year Prerequisite: Computer Science
Group 5 <i>Mathematics</i> IB Mathematics	HL	2 years
IB Mathematical Studies	SL	2 years
	SL	1 years
Group 6 <i>The Arts and Electives</i> IB Music	HL	2 years
IB Visual Arts	SL	2 years
IB Theater Arts	HL	2 years
	SL	1 year
Electives can be any IB course from any group not used for credit in that group.		

\*IB Chemistry 1 is usually taken in grade 10 as this course fits the Virginia Chemistry SOL requirements.

\*\*Cannot be used as a History and Social Science credit for the Virginia Standard or Advanced Studies Diploma. May count as a Group 6 elective

\*\*\*Discuss options for credit for Virginia Standard or Advanced Studies Diploma with School Counselor. May count as a Group 6 elective

**Figure IB2: IB Courses Offered at South Lakes High School**



**Figure IB3: The IB Diploma Requirements**

### **What are the core requirements for the IB Diploma?**

The IB Diploma Program is illustrated in the Figure IB3. The core contains the three components that are unique to the Diploma Program: Theory of Knowledge (TOK), Creativity, Activity, and Service (CAS), and the Extended essay (EE).

- The TOK class explores how we learn and how our ways of acquiring knowledge may vary among disciplines. The student's grade for this class is based upon an essay that is evaluated by examiners outside the school and an oral presentation that is the internally assessed component of this course.
- The Extended Essay showcases a student's research, writing, and analytical skills. A supervisor, a SLHS teacher with specific knowledge of the topic, monitors the process. The Extended Essay is evaluated by IB examiners outside the school.
- The Creativity-Activity-Service component provides the student with opportunities to interact meaningfully within our local and international communities. Students must accumulate at least 25 hours in each of the categories for a total of 100 hours over the two-year period. A team of CAS coordinators work with students using ManageBac, an on-line program for IB Diploma candidates which helps them track and record their progress in CAS. A preliminary plan is created by the student in the fall of the student's junior year. When the projects or tasks are completed, the candidate is asked to reflect upon the value of the experience.





**Figure IB4: The IBCP Requirements**

**What are the requirements for the IB Career-related Program?**

The IBCP incorporates the educational principles, vision and learner profile of the IB into a unique offering that specifically addresses the needs of students who wish to engage in career-related education. Career-related courses in Fairfax County Public Schools include the following areas of study:

- Business and Information Technology
- Family and Consumer Sciences
- Health and Medical Sciences
- JROTC
- Marketing
- Technology and Engineering Education
- Trade and Industrial

The IBCP encourages students to benefit from elements of an IB education, through a selection of two or more Diploma Program courses in addition to a unique IBCP core, comprised of a Personal and Professional Skills (PPS) course, a reflective project, language development and service learning.

The IBCP enables schools to widen participation to an IB education. Schools retain the ability to choose the career-related courses that are most suited to local conditions and the needs of their students. Schools gain the added flexibility in direct curriculum development as well as the IBCP core to create an educational pathway that puts a strong focus on individual student needs.

### **Why are some IB SL classes two years and a few others only one year?**

IB courses are meant to be 2 years in duration but with the school schedules of North American Schools, a few courses can be offered in a one year format. Exceptions at our school are IB Biology SL, IB Business and Management SL, IB Computer Science SL, IB Design Technology SL, IB Psychology SL and IB World Religions SL. Please look carefully at your course selections. All HL courses must be taught over two years and tested in the senior year. The one year SL courses can be completed in the junior or senior year.

### **What does it mean to be an IB Diploma Course student?**

Diploma Course students take IBDP courses but do not wish to pursue the full IB Diploma. They receive IB certification of their completed courses. In IB classes these students must meet the same standards and fulfill the same class requirements as full Diploma candidates. They may choose to take one or more IB classes as Diploma Course students. They do not take TOK, write an Extended Essay, or complete the CAS requirement. Their scores are sent to colleges and universities in exactly the same way as they are submitted for full diploma students.

### **Do universities recognize the IB Program?**

The value of the IB Diploma Program courses is recognized by colleges and universities. Many of these schools give preferential acceptance to students completing the requirements for the IB Diploma. Many colleges and universities award credit or advanced placement to students for IB Diploma Program classes, but the credit awarded varies at each university.

You can review information about IB credits awarded by universities by going to <http://www.ibo.org/en/university-admission/recognition-of-the-ib-diploma-by-countries-and-universities/>, or going directly to university websites and viewing their IB credit policies.

### **How do colleges find out about your grades from your high school classes and your scores from IB?**

A SLHS Secondary School Report is sent to colleges and universities with your transcript and clearly identifies a student as an IBDP Candidate if an IBDP Candidate is in good standing. "In good standing" means that you have turned in a completed draft of your extended essay, are making progress in your TOK class, and are earning your CAS hours. IBCP candidates in good standing will have an IBCP identification on their Secondary School Report. An IBCP candidate in good standing has made progress on the reflective project related to their CTE course of study, is working on service learning requirements, and continues language development activities as designated by the school. The SLHS/FCPS transcript indicates all IB courses taken.

After graduation, the IB Coordinator requests that the results of your IB work be sent to your college of choice. Therefore, it is important that the SLHS Career Center has your correct college of choice on file when you graduate. In July after your graduation, IB Americas sends your official scores to the admissions office or registrar of the college you indicated to the Career Center.



## 9-12 IB Course Planner

Use the information in this planner to decide the courses you will take to fulfill the requirements for the IB Diploma or certificates you seek. Course sequences listed in this planner fit the needs of most students but are not always the only options available. Students with unique situations should discuss their course sequences with their teacher, School Counselor, and the IB Coordinator.

### Group 1: Language and Literature Course Sequence Options for Language and Literature

Grade 9	Honors English 9*	English 9
Grade 10	Honors English 10* (or teacher recommendation)	Honors English 10* (or teacher recommendation)
Grade 11	IB English 1 HL**+	IB English 1 HL**+
Grade 12	IB English 2 HL **	IB English 2 HL**

\*Weighted .5

\*\* Weighted 1.0

+Virginia Standards of Learning test is taken at the end of this course.

### Group 1 Important Reminders

- Honors English courses introduce students to the skills, assessment techniques, and analytical expectations needed in IB English.
- The Virginia Standards of Learning (SOL) exam in writing and reading/literature must be taken as scheduled.

### Group 2: Language Acquisition— Course Sequence Options for French, German, Japanese, Spanish, Latin

Grade 9	French 2	German 2	Japanese 2	Spanish 2	Latin 1
Grade 10	French 3	German 3	Japanese 3	Spanish 3	Latin 2
Grade 11	IB French 1 **	IB German 1 **	IB Japanese 1**	IB Spanish 1**	Latin 3
Grade 12	IB French 2 HL or SL**	IB German 2 HL or SL**	IB Japanese 2 SL**	IB Spanish 2 HL or SL**	IB Latin SL**

\*\*Weighted 1.0

## Group 2 Important Reminders

- All World Language students except those in Latin are required to complete an oral component of examination.
- IB Full Diploma Program Candidates pursuing Higher Level exam must complete the two-year sequence during their 11<sup>th</sup> and 12<sup>th</sup> grades.
- IB Latin is the culminating course in a four-year sequence and is offered only at the Standard Level. IB Latin SL is weighted with an additional 1.0 credit.

## Group 3: Individuals and Societies – Course Sequence Options

### Electives

Grade 9	Honors World History and Geography 2*+		
Grade 10	US/VA Government Honors*		
Grade 11	IB History 1**+	IB Business and Management SL**++ IB Psychology SL**++ IB World Religions SL**++	
Grade 12	IB History 2 HL or SL**	IB Business and Management 2 HL **++	IB Business and Management SL**++ IB Psychology SL**++ IB World Religions SL**++

\*Weighted 0.5

\*\*Weighted 1.0

+Virginia Standards of Learning Test is taken at the end of each of these courses.

++Course **does NOT** fulfill History and Social Sciences requirements for the Virginia Diploma.

## Group 3 Important Reminders

- Students may take the World History 1 and 2, US/VA History, US/VA Government classes to satisfy the VA diploma requirements and still receive the IB Diploma by completing IB Business and Management SL or HL, IB Psychology SL or IB World Religions SL for their Group 3 requirement.
- If a student begins the Honors History, Government Honors, IB History 1 and 2 sequence but decides not to complete this IB Diploma Program History sequence at any time, that student must complete the **four** history/government courses required for graduation by the state of Virginia.
- Students who have taken IB History 1 and IB History 2 may opt to take either the Higher Level or Standard Level exam. The Standard Level exam covers material from IB History II only. The Higher Level exam covers material from both IB History 1 and IB History 2.

## Group 4: Sciences — Course Sequence Options

### Science Courses

Grade 9	Biology 1 or Biology 1 Honors*+					
Grade 10	Chemistry 1+				IB Chemistry 1**+	
Grade 11	IB Biology SL**		IB Biology SL**	IB Physics 1**	IB Chemistry 2 SL**	
Grade 12		IB Biology SL**	IB Biology 2 HL**	IB Physics 2 SL**		IB Chemistry 2 HL** OR SL**

Grade 9			
Grade 10	Computer Science ++		
Grade 11	IB Computer Science SL***+	Computer Science++	STEM Engineering* (Recommended)
Grade 12	IB Computer Science HL***+	IB Computer Science SL***+	IB Design Technology SL***+

Math and Career and Technical Education (CTE) Courses

\*0.5 weighted

\*\*1.0 weighted

+Virginia Standards of Learning Test is taken at the end of each of these courses.

++ Discuss options for credit for Virginia Standard or Advanced Studies Diploma with School Counselor.

## Group 4 Important Reminders

- Students should decide as soon as possible what IB science course and level they wish to pursue. **These options fulfill the requirement for the IB Diploma but not necessarily the requirements for the Virginia Diploma.** Please discuss which sciences you plan to take for your Virginia Diploma with your school counselor. Computer Science is considered a math course for Virginia graduation requirements. STEM Engineering and IB Design Technology courses are considered Career and Technical Education (CTE) courses towards Virginia graduation. If a student changes his/her mind about an IB course, level or program, the IB coordinator and the school counselor need to be consulted to ensure that the changed sequence meets requirements for both Virginia and IB Diplomas.
- IB Diploma Program Candidates pursuing a science HL exam should plan to complete the two-year IB course sequence during the 11<sup>th</sup> and 12<sup>th</sup> grades. Students pursuing a science SL exam can complete the course *either* in Grade 11 or 12.

## Group 5: Mathematics—Course Sequence Options

Grade 9	Geometry/Honors Geometry *+				Honors Algebra 2*+		
Grade 10	Algebra 2+	Honors Algebra 2*+			IB Math SL 1**	IB Math HL 1**	Pre-Calculus
Grade 11	Pre-Calculus	Pre-Calculus	IB Math SL 1**	IB Math HL 1**	IB Math HL 1**	IB Math HL 2** <i>(HL exam to be taken during Senior Year)</i>	IB Math SL 1**
Grade 12	IB Math Studies SL**	IB Math Studies SL**	IB Math SL 2**	IB Math HL 2**	IB Math HL 2**	Multivariable Calculus* Matrix Algebra*	IB Math SL 2**

\*Weighted 0.5

\*\*Weighted 1.0

+Indicates courses for which Virginia Standards of Learning (SOL) exams must be taken.

### Group 5 Important Reminders

As students and parents plan their IB mathematics sequence, they should consider several characteristics of the program:

- Teacher recommendations are strongly considered in student placement in math classes.
- Diploma Program math courses integrate or mix topics within each course. This integration provides excellent preparation for students as they move on to college-level math courses.

## Group 6: Arts and Electives:

IB Visual Arts, IB Theater Arts, IB Music, IB Computer Science, IB Business and Management, IB Psychology, IB World Religions, additional World Language or Science

Note: Sequencing of Group 6 subjects will vary depending on the course and the prerequisites for that course. The tables below represent the most common options for sequencing.

### Visual Arts Sequence Options\*

Grade 9	Studio Art and Design 1	
Grade 10	Studio Art and Design 2 or 3	Studio Art and Design 1
Grade 11	IB Visual Arts 1**	IB Visual Arts 1**
Grade 12	IB Visual Arts 2 HL or SL **	IB Visual Arts 2 SL **

\*Several example sequences are given here. Students should consult with Visual Arts teachers to determine the sequence best suited for their situation.

\*\* Weighted 1.0

### Visual Arts Important Reminders

- There are several possible options for prerequisite art courses leading to IB Art. It is important that the student confer with the teacher to discuss these options before scheduling the class.
- Higher Level students are required to complete the IB Visual Arts HL requirements within a two-year period.

### Theatre Arts Sequence Options

Grade 9	Theatre Arts 1
Grade 10	Theatre Arts 2
Grade 11	IB Theatre Arts 1**
Grade 12	IB Theatre Arts 2 HL or SL**

\*\*Weighted 1.0

## IB Music Sequence Options

Grade 9	Performance Elective
Grade 10	Performance Elective
Grade 11	IB Music 1** and Advanced Performance Elective
Grade 12	IB Music 2 HL or SL ** and Advanced Performance Elective

\*\*Weighted 1.0

### Music Important Reminders

Both Standard Level and Higher Level students must enroll in their respective musical performance classes (vocal or instrumental) every year through the completion of their IB Music course.

- Standard Level IB Music is a two-year course. The SL exam includes theory, history, and group performance.
- Higher Level IB Music is a two-year course that must be completed during students' junior and senior years. The HL exam requirements include theory, history, solo performance, and composition.
- Note: IB Diploma Candidates taking IB Music as their Group 6 requirement **must** allow two periods during their class schedule both junior and senior years to accommodate classes for advanced performance class in orchestra, chorus, or band **and** the IB Music class.



## Theory of Knowledge

This course is offered to declared IB Full Diploma Program candidates only. Theory of Knowledge (TOK.) challenges students in the areas of critical thinking and integration of knowledge in an epistemological study. The focus of the course is exploring what we know in the various fields of knowledge and how we know it. Students are led to make connections between their classroom and non-classroom knowledge and experience as they examine the ethics, value judgments, and belief systems of each discipline. Students develop a critical awareness of the fields of knowledge; study the procedures, processes, and methodologies of each field; recognize biases inherent in each discipline; understand and appreciate the importance of inquiry as a basis for knowledge; and apply standards of logical ways of thinking: analytic, empirical, moral, and aesthetic. **This course is two semesters in length.** The course begins in second semester of the junior year and is completed during the first semester of senior year. An essay evaluated outside the school, and an oral presentation, internally assessed, are required. A score of A-E is awarded for the course. This score combined with the Extended Essay score can earn points to be applied to the total needed to receive the Diploma.

### TOK Schedule Options\*

	<b>Plan A:</b> TOK class meeting during the school day	<b>Plan B:</b> Evening after school class
<b>Grade 11</b>	<b>Fall Semester:</b> A semester elective is taken <b>Spring Semester:</b> TOK class is taken in the elective time slot	<b>Fall Semester:</b> No class meeting <b>Spring Semester:</b> TOK class meets once weekly for three hours in the evening.
<b>Grade 12</b>	<b>Fall Semester:</b> TOK class is taken and completed <b>Spring Semester:</b> A semester elective class is taken	<b>Fall Semester:</b> TOK class meets once weekly for three hours in the evening. <b>Spring Semester:</b> No TOK class meetings

\**Evening TOK is for students who cannot fit required courses into the regular school day. All evening TOK requests must be approved.*

### T.O.K. Important Reminders

- Theory of Knowledge is a one-credit course divided over two semesters and weighted 1.0 for each semester.
- All students requesting Evening TOK will submit a request during Academic Advising.

## Personal and Professional Skills

This course is open to declared IBCP candidates. The IB Personal and Professional Skills (PPS) course challenges IB Career-related Program (IBCP) students in the areas of thinking, intercultural understanding, communication, applied ethics and personal development. The focus of the PPS course is studying what we know in a specified career and technical field of knowledge and how we know it. Students are led to make connections among their classroom and non-classroom knowledge and experience, and they examine the ethics, value judgments, and belief systems of the various disciplines. Through the PPS course, students will develop good intellectual habits; practical problem-solving skills; ethical, creative and lateral thinking skills; self-awareness; individual strengths and limitations; intercultural awareness; communication skills; personal and interpersonal skills for the workplace and beyond; the skills of reflection and critical thinking in personal, social and professional situations; and an understanding that many questions, issues or problems do not always have simple right or wrong answers. IBCP students will produce a reflective project that investigates and focuses on an ethical dimension of an issue arising from the student's career-related studies. The reflective project is intended to promote high-level research and writing skills, intellectual discovery and creativity. **This course is a combination of online and face-to-face instruction.** Rising IBCP juniors will choose the PPS course as one of their 7 course selections for 1 full credit (weighted +1.0).